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ABSTRACT

Enrollment trends in professional degree programs in pharmacy as of fall 1980 are examined. Information is presented on: full-time and part-time enrollments in the final three years in professional degree programs; enrollments in other than the final three years of the curriculum; full-time enrollments of students studying for the Pharm.D. as their first professional degree; enrollments of students already holding a Bachelor of Science (B.S.) degree in pharmacy; previous pharmacy degree characteristics of Pharm.D. students; minority full-time enrollment; full-time minority enrollments by class at predominantly minority and predominantly nonminority colleges; enrollments in Pharm.D. Programs of minority students already holding a B.S. degree in pharmacy; special student enrollments; geographic origin of students; enrollments of American full-time students in each state by state of residence; country of origin of foreign full-time students; and enrollments by National Association of Boards of Pharmacy/American Association of Colleges of Pharmacy districts. It is noted that although the predominant trend in enrollments in professional degree programs has been one of decline, the proportion of female students has continued to increase and will probably reach 50 percent in the relatively near future. The percentage of underrepresented minorities also has increased continually, in spite of a leveling off in the number of black students and American Indians enrolled. The in-state/out-of-state mix in public and private schools has changed for the first time in several years, with an increase in the number of out-of-state enrollees. (SW)

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ENROLLMENT REPORT ON PROFESSIONAL DEGREE PROGRAMS IN PHARMACY, FALL 1980

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The trends of the last several years in pharmacy school enrollments are reflected in the fall 1980 professional degree programs enrollment statistics. The decline in total enrollment has steepened and the proportion of Black students enrolled in the predominantly minority schools has declined sharply. The proportion of foreign students and students enrolled for the Pharm.D. as the first professional degree has remained essentially stable. The percentage of females and minority students continues to increase, as does the number of students enrolled in Pharm.D. programs.

These and other statistics discussed in this report are generally based on enrollments in the final three years in the 71 accredited pharmacy schools in the continental U.S.[1,2] There are exceptions however, when inclusion of other years is appropriate. Comparisons with 1979 enrollment statistics as reported in the Journal (1) are made throughout the report.

Total Enrollment

The 21,628 students studying for a baccalaureate first professional degree in pharmacy in the fall of 1980 represent a 4.1 percent decline from 1979. The rate of this decline may be increasing since the figure for 1979 was 2.2 percent. Furthermore the trend will most likely continue, since it is reflected in the enrollments by class: -2.5 percent in the final year class (seniors), -3.9 percent in the junior class and -5.8 percent in the sophomore class. Fifty-four schools, fourteen more than 1979, reported declines in enrollment while only fifteen reported increased enrollments. The average decline was -7.4 percent as opposed to -5.3 percent in 1979 and the average increase was 2.3 percent as opposed to 3.9 percent in 1979. Substantial enrollment changes (over 25 students) were reported at thirteen schools with only one, St. John's, reporting an increase and twelve reporting decreases. The increase appears due to a larger entering class but the declines may be due to several factors including the intentional admission of fewer students. Schools with proportionally large declines were Samford (-22 percent), Howard (-21 percent), Idaho State (-21 percent), Oklahoma (-21 percent), Rhode Island (-21 percent), Northeastern (-18 percent), Southwestern Oklahoma State (-18 percent), South Dakota (-18 percent), Medical University of South Carolina (-17 percent) and Texas Southern (-17 percent). For the specific details of these statistics and other total enrollment information see Tables I and II.

Footnote 1 explains the basic configurations of curricula at the various schools. Although the final three years' data are used for most comparisons, since these are the only years common to all pharmacy schools, there are a number of students officially designated as enrolled in professional programs in other than the final three years at 29 schools, an increase from 27 in 1979.

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[1] All schools generally conform with regard to the total length of the pharmacy curriculum: five academic years for the Bachelors Degree and six academic years for the Pharm.D. However, some schools require two years pre-professional college study (2-3 or 2-4 programs), while others require one (1-4) programs , or none (0-5) programs. Thus the only years in the professional program common to all schools are the final three.

[2] Enrollment figures for the University of Puerto Rico are not included in the comparative statistics discussed in the text of this report, although such data are separately reported in most tables.

The two additional schools, South Dakota and Texas Southern, offer 2-4 programs. There are 3,161 students in the first two years of study at the sixteen schools with 0-5 programs and 1,325 students enrolled in thirteen schools with 1-4 and 2-4 programs. These figures represent a decline of 18.4 percent from 1979 for 0-5 programs and an increase of 13.4 percent for 1-4 and 2-4 programs. In addition, 27 schools (an increase of one) enrolled 406 (no change) previously graduated pharmacy students in studies for the Pharmacy Doctorate (Pharm.D.) degree. When these 4,892 students are added to the 21,628 students in the final three years pursuing a first professional degree, a total of 26,520 students are officially registered in pharmacy programs. This figure represents a decline of 5.3 percent over the last year. The additional decrease other than in the final three years is primarily due to two schools that dropped a 0-5 program and which were replaced by smaller schools that started 0-5 programs. See Table III for the specific details of these statistics.

Pharm.D. Programs

The three schools which award the Pharm.D. as the only first professional degree (California, Nebraska, and Southern California) report 1,258 students enrolled (virtually unchanged from 1979). However, the total number of students enrolled in Pharm.D. programs stood at 1,724, an increase of 3.5 percent over 1979. Individual school changes of note were that: California increased its enrollment, University of the Pacific experienced another decline, the Medical University of South Carolina reported no students in its Pharm.D. program, and Purdue was added to the rolls of schools offering a Pharm.D. Though the majority of Pharm.D. students (73 percent) are still enrolled in the California schools and Nebraska, the percentage has decreased from 75 percent in 1979. See Table IV and V for the details underlying these statistics.

Twenty-seven schools continue to enroll previously graduated pharmacy students in programs of study for the Pharm.D. Of these 464 students, 406 are full-time, 40 are part-time and 18 are special status students. This represents an increase in part-time students and a decrease in special students from last year. The pharmacy bachelors degree was obtained by 32.8 percent of these students at the same school in which they are pursuing the Pharm.D., whereas the pharmacy bachelors was obtained at another U.S. school by 56.7 percent and from a foreign institution by 10.6 percent. These figures represent a decrease in the percentage of students with a degree from the same school and an increase in the percentage of students with a degree from a foreign institution. The latter continues a trend of an increasing number of foreign-trained pharmacy students in these programs. Table V and VI contain the information by school regarding these statistics.

Female Enrollments

The proportion of female students continues to increase. Nationally, females represent 45.7 percent of all progessional degree students, an increase of 3 percent over last year. Twenty-one schools now report female enrollments of equal to or greater than 50 percent. This trend is reflected in each of the final three years where females constitute 43.5 percent of the senior class, 45.4 percent of the junior class and 47.9 percent of the sophomore class. The trend of these figures seems to indicate that within the next several years, the majority of all professional degree students will be female. See Table I for details.

Minority and Foreign Enrollments

American students (U.S. citizens and permanent residents) of minority ethnic heritage increased by 3.5 percent to 2,526 or 11.7 percent of the total enrollments. Even with the decline in total enrollment, increases are reported in the numbers of Asian and Hispanic students. The number of American Indians remains stable, and the number of Black students has decreased by thirteen. There are 1,035 Asian students (representing 4.8 percent of total enrollment), 945 Black students (representing 4.4 percent of total enrollment), 469 Hispanic students (representing 2.2 percent of total enrollment) and 36 American Indian students. Due to the decrease in total enrollment, the percentages for all minority ethnic groups have increased over 1979. Since these numbers by no means reflect the decline in total enrollment, they indicate a continuing national effort to diversify pharmacy school student bodies.

The underrepresented minorities of Black, Hispanic and American Indian students made mixed numeric gains but substantial percentage gains in baccalaureate program enrollments this year. Now at 6.7 percent of the total enrollment, the proportion of underrepresented minorities also increased in each class. In 1980 they constitute 5.5 percent of the senior class, 6.5 percent of the junior class and 8.0 percent of the sophomore class. These figures represent increases over 1979 of .1, .4 and .8 percent respectively. In contrast, the percentage of underrepresented minorities in Pharm.D. programs declined slightly from 2.1 percent in 1979 to 1.9 percent in 1980.

The proportion of Black students continues to decline at the four predominantly minority schools: Texas Southern, Florida A&M, Xavier and Howard. These schools enroll 38.9 percent of all Black students, while non-minority schools enroll the remaining 61.1 percent - an increase from 54.3 percent in 1979. These figures represent 1.7 percent and 2.7 percent of the total enrollment respectively. The largest non-minority school enrollments of Blacks are reported at Schwartz (56), University of the Pacific (31), St. Johns (26), Mercer (25), Houston (25), and Illinois (24).

Hispanic student enrollment increased by 14.4 percent from 1979. Large enrollments are reported at Texas at Austin (80), University of Houston (75), Florida (39), Schwartz (33), New Mexico (30), and University of the Pacific (25).

American Indians constitute 1.4 percent of the total enrollment. The largest numbers of American Indians are enrolled at Massachusetts (7), North Carolina (4), University of Southern California (3), New Mexico (3) and Washington (3). See Tables VII, VIII and IX for details.

The proportion of foreign students increased from 3.2 percent in 1979 to 3.9 percent of the total enrollment in 1980. Seventy-two countries (ten more than in 1979) sent 840 students to the U.S. to study pharmacy. The countries sending the largest numbers of students are Nigeria (248), Hong Kong (89), Taiwan (62), Iran (51), Canada (49), and Vietnam (33). There may be some question about listing Vietnamese students as foreign since most, if not all, have refugee status and are resident aliens. See Tables XII and XIV for the specifics underlying these statistics.

Geographic Distribution

The geographic distribution of pharmacy students has changed from that reported for the past several years. Students attending school in their home state decreased to 79.3 percent from 81.9 percent in 1979. Consequently the proportion attending schools in other than their state of residence increased to 20.7 percent from 17.1 percent. Nine schools in 1980 as in 1979, enrolled a majority of their U.S. students from out-of-state, Howard (80.5 percent out-of-state), Creighton (80.0 percent out-of-state), Drake (73.6 percent out-of-state), Mercer (67.1 percent out-of-state), Idaho State (62.4 percent out-of-state), Rhode Island (62.2 percent out-of-state), Wyoming (59.5 percent out-of-state), Samford (56.5 percent out-of-state), and Northeastern (52.0 percent out-of-state). Future reports will tell whether or not this is the beginning of a trend for more students to enroll in out-of-state schools.

The 53 publicly supported schools continue to enroll a larger proportion of in-state residents than the 18 private schools; 83.4 percent versus 59.2 percent. These figures are virtually unchanged from last year. Thus, the decrease in in-state enrollees for both types of institutions reported last year was not repeated this year. Eight schools, the same as last year, enroll less than two-thirds in-state residents: Idaho, Iowa, Montana, New Mexico, North Dakota, Rhode Island, Texas Southern and Wyoming. Iowa replaced South Dakota from last year's list. The states with pharmacy schools that sent the largest numbers of students out-of-state for their pharmacy education are again, this year as last, Illinois (604), New Jersey (544), New York (295), California (197) and Florida (175). In all cases these figures are lower than those for 1979. The states which send the largest proportion of their residents to study pharmacy out of state are New Jersey (60.1 percent), Illinois (53.5 percent), Connecticut (36.9 percent), Minnesota (35.0 percent), District of Columbia (34.8 percent), Tennessee (30.3 percent) and Virginia (25.6 percent). For the specifics of these figures see Tables XII and XIII.

Enrollments by NABP/AACP Districts

Table XV presents full-time enrollments in the final three years within the eight districts of the National Association of Boards of Pharmacy and AACP. All districts experienced declines in enrollment ranging from .3 percent to 9.1 percent. It is interesting to note the average size of school enrollments by district. On the average, the schools with the largest enrollments are in District I with an average of 390 students per school. This is followed by District II (372 students/school), District IV (340 students/school), District III (310 students/school), District VI (302 students/school), District VIII (281 students/school), District V (213 students/school), and District VII (186 students/school). As might be expected, these average enrollments reflect the general decrease in enrollment in all districts.

Five Year Trends

The predominant trend in enrollments in professional degree programs has been one of decline. Enrollments peaked in the 1975-76 school year and have been falling at a rate of from two to five percent per year ever since. The data from the enrollments by class would appear to indicate that this trend will continue for the foreseeable future. Yet during this period of time the proportion of female students has continued to increase and will probably reach 50 percent in the relatively near future. The percentage of underrepresented minorities has

also increased continually, though there has been a leveling off in the number of Black students and American Indians enrolled. During the last five years one school began awarding the Pharm.D. as the only pharmacy degree and the total proportion of these students increased by nearly 13 percent, though the number has leveled off this year. The past five years have also seen the number of schools awarding the Pharm.D. as a post-B.S. degree increase from 20 to 27 with one more school doing so during the last year. The number of students in these programs has increased by 64.4 percent. Foreign student enrollments have declined since 1975 but have started increasing again this year and there is an increasing number of foreign-trained students in Pharm.D. programs. The in-state/out-of-state mix in public and private schools has changed for the first time in several years, with an increase in the number of out-of-state enrollees.

However, the most significant figure in this report is the steady, widespread decline in the total number of students enrolled in professional degree programs in pharmacy. There are no indicators in the enrollment data to suggest that this decline will abate in the next three to five years.

Acknowledgment: The author is deeply indebted to the assistance of Ms. Pat Cillay and the cooperation of all schools in the gathering of this data.

References

1. Schlegel, J.F., Am. J. Pharm. Educ., 44, 177-192 (1980).

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TABLE I

Fall 1980 Full-Time Enrollments in Professional Degree Programs (Final Three Years)[a]

Colleges by State	Last Year M	Last Year F	2nd Last M	2nd Last F	3rd Last M	3rd Last F	Total by Sex M	Total by Sex F	TOTAL
Auburn U.	66	47	42	59	57	71	165	177	342
Samford U.	38	20	36	18	49	30	123	68	191
Arizona, U. of	33	15	28	28	30	27	91	71	162
Arkansas Medical Center, U. of	31	32	38	27	38	37	107	96	203
California, U. of	(59)	(59)	(51)	(57)	(63)	(51)	(173)	(167)	(340)
Pacific, U. of the[b]	36	18	29	11	24	22	89	51	140
	(75)	(52)	(59)	(49)	(67)	(57)	(201)	(158)	(359)
Southern California, U. of	(87)	(46)	(86)	(62)	(85)	(67)	(258)	(175)	(433)
Colorado, U. of	31	33	33	33	48	30	112	96	208
Connecticut, U. of	46	43	51	42	42	55	139	140	279
Howard U.	19	19	8	5	16	10	43	34	77
Florida A&M U.	27	30	15	18	22	52	64	100	164
Florida, U. of	67	53	64	49	71	56	202	158	360
Mercer U.	72	26	66	43	74	44	212	113	325
Georgia, U. of	54	50	105	72	87	63	246	185	431
Idaho State U.	58	13	47	18	24	13	129	44	173
Illinois, U. of	77	90	106	88	83	93	266	271	537
Butler U.	45	39	32	49	31	44	108	132	240
Purdue U.	64	95	76	75	55	97	195	267	462
	(0)	(0)	(0)	(3)	(2)	(8)	(2)	(11)	(13)
Drake U.	36	37	33	45	28	48	97	130	227
Iowa, U. of	56	41	51	35	30	26	137	102	239
Kansas, U. of	52	35	38	39	45	48	135	122	257
Kentucky, U. of	21	25	41	53	39	52	101	130	231
	(7)	(0)	(5)	(8)	(0)	(0)	(12)	(8)	(20)
Northeast Louisiana U.	66	30	77	52	106	68	249	150	399
Xavier U. of Louisiana	31	27	26	29	30	26	87	82	169
Maryland, U. of	39	45	50	46	47	47	136	138	274
	(1)	(1)	(2)	(2)	(0)	(0)	(3)	(3)	(6)
Massachusetts College of Pharmacy	124	82	160	95	123	102	407	279	686
Northeastern U.	65	46	71	48	72	50	208	144	352
Ferris State College	96	41	88	57	85	60	269	158	427
Michigan, U. of	23	39	27	25	13	29	63	93	156
	(0)	(0)	(0)	(0)	(6)	(15)	(6)	(15)	(21)
Wayne State U.	71	48	60	43	50	43	181	134	315
Minnesota, U. of	58	54	55	49	46	45	159	148	307
Mississippi, U. of	48	50	49	43	69	47	166	140	306
St. Louis College of Pharmacy	96	60	77	61	78	63	251	184	435
Missouri-Kansas City, U. of	36	32	42	41	41	42	119	115	234
Montana, U. of	24	13	18	19	23	25	65	57	122

Colleges by State	Last Year M	Last Year F	2nd Last M	2nd Last F	3rd Last M	3rd Last F	Total by Sex M	Total by Sex F	TOTAL
Creighton U.	25	18	39	24	36	29	100	71	171
	(4)	(0)	(2)	(3)	(0)	(0)	(6)	(3)	(9)
Nebraska U. of	(33)	(35)	(33)	(29)	(45)	(28)	(111)	(92)	(203)
Rutgers U.	48	56	66	80	62	73	176	209	385
New Mexico, U. of	34	16	42	24	23	17	99	57	156
Arnold & Marie Schwartz Col.of Phar.	156	65	126	61	137	81	419	207	626
St. John's U.	139	74	159	101	191	110	489	285	774
State U. of New York at Buffalo	46	39	50	39	48	46	144	124	268
Albany College of Pharmacy	55	58	46	65	58	62	159	185	344
North Carolina, U. of	75	91	70	85	70	92	215	268	483
North Dakota State U.	40	33	44	30	38	39	122	102	224
Ohio Northern U.	64	63	80	84	65	78	209	225	434
Ohio State U.	63	50	57	55	61	64	181	169	350
Cincinnati, U. of	37	20	47	19	36	31	120	70	190
Toledo, U. of	50	31	42	36	44	34	136	101	237
Southwestern Oklahoma State U.	87	47	54	47	53	55	194	149	343
Oklahoma, U. of	47	25	51	25	35	23	133	73	206
Oregon State U.	42	24	70	44	72	56	184	124	308
Duquesne U.	60	69	54	72	45	77	159	218	377
Philadelphia College of Pharmacy	90	72	100	83	97	93	287	248	535
Temple U.	78	49	85	46	73	68	236	163	399
Pittsburgh, U. of	39	59	54	43	39	53	132	155	287
Rhode Island, U. of	42	56	42	28	32	43	116	127	243
Medical U. of South Carolina	39	20	18	36	22	15	79	71	150
South Carolina, U. of	56	41	38	33	28	16	122	90	212
South Dakota State U.	26	17	14	13	31	10	71	40	111
Tennessee, U. of	43	50	43	56	39	56	125	162	287
Texas Southern U.	35	28	41	26	41	19	117	73	190
Houston, U. of	64	46	88	60	101	82	253	188	441
Texas at Austin, U. of	46	45	67	98	78	114	191	257	448
Utah, U. of	47	18	37	10	35	23	119	51	170
Virginia Commonwealth U.	45	46	38	47	43	57	126	150	276
Washington, U. of	45	44	35	32	38	33	118	109	227
Washington State U.	42	23	28	28	35	20	105	71	176
West Virginia U.	31	38	28	40	39	29	98	107	205
Wisconsin-Madison, U. of	108	67	82	59	70	64	260	190	450
Wyoming, U. of	21	17	23	20	15	15	59	52	111
Totals	3,937	3,037	3,935	3,277	3,874	3,568	11,746	9,882	21,628
Puerto Rico, U. of	47	186	24	99	27	87	93	372	465
GRAND TOTALS	3,984	3,223	3,959	3,376	3,896	3,655	11,839	10,254	22,093

[a]Parentheses indicate six-year candidates for Pharm.D. who do not hold baccalaureate degrees in pharmacy. These Pharm.D. candidates are included in the total.

[b]University of the Pacific offers an accelerated program; the three years reported are equivalent to four academic (nine month) years.

TABLE II

Fall 1980 Full-Time Enrollments (Final Three Years) Contrasted with Comparable Fall 1979 Enrollments[a]

Colleges by State	Fall 1979 M	Fall 1979 F	Fall 1979 Total Students	Fall 1980 M	Fall 1980 F	Fall 1980 Total Students	Net Gain or Loss M	Net Gain or Loss F	Net Gain or Loss Total
Auburn U.	170	167	337	165	177	342	-5	+10	+5
Samford U.	161	83	244	123	68	191	-38	-15	-53
Arizona, U. of	94	69	163	91	71	162	-3	+2	-1
Arkansas Medical Center, U. of	117	90	207	107	96	203	-10	+6	-4
California, U. of	(166)	(163)	(329)	(173)	(167)	(340)	(+7)	(+4)	(+11)
Pacific, U. of the[b]	109	55	164	89	51	140	-20	-4	-24
	(214)	(157)	(371)	(201)	(158)	(359)	-13	+1	-12
Southern California, U. of	(267)	(172)	(439)	(258)	(175)	(433)	-9	+3	-6
Colorado, U. of	109	96	205	112	96	208	+3	0	+3
Connecticut, U. of	143	144	287	139	140	279	-4	-4	-8
Howard U.	47	50	97	43	34	77	-4	-16	-20
Florida A&M U.	88	102	190	64	100	164	-24	-2	-26
Florida, U. of	205	163	368	202	158	360	-3	-5	-8
Mercer U.	212	109	321	212	113	325	0	+4	+4
Georgia, U. of	264	174	438	246	185	431	-18	+11	-7
Idaho State U.	168	52	220	129	44	173	-39	-8	-47
Illinois, U. of	276	264	540	266	271	537	-10	+7	-3
Butler U.	125	125	250	108	132	240	-17	+7	-10
Purdue U.	225	258	483	195	267	462	-30	+9	-21
	(0)	(0)	(0)	(2)	(11)	(13)	(+2)	(+11)	(+13)
Drake U.	114	123	237	97	130	227	-17	+7	-10
Iowa, U. of	157	96	253	137	102	239	-20	+6	-14
Kansas, U. of	145	97	242	135	122	257	-10	+25	+15
Kentucky, U. of	119	129	248	101	130	231	-18	+1	-17
	(12)	(4)	(16)	(12)	(8)	(20)	(0)	+4	+4
Northeast Louisiana U.	245	135	380	249	150	399	+4	+15	+19
Xavier U. of Louisiana	104	85	189	87	82	169	-17	-3	-20
Maryland, U. of	145	128	273	136	138	274	-9	+10	+1
	(2)	(1)	(3)	(3)	(3)	(6)	+1	+2	+3
Massachusetts College of Pharmacy	456	241	697	407	279	686	-49	+38	-11
Northeastern U.	268	159	427	208	144	352	-60	-15	-75
Ferris State College	286	162	448	269	158	427	-17	-4	-21
Michigan, U. of	86	114	200	63	93	156	-23	-21	-44
	(0)	(0)	(0)	(6)	(15)	(21)	+6	+15	+21
Wayne State U.	209	123	332	181	134	315	-28	+11	-17
Minnesota, U. of	190	154	344	159	148	307	-31	-6	-37
Mississippi, U. of	164	142	306	166	140	306	+2	-2	0
St. Louis College of Pharmacy	266	165	431	251	184	435	-15	+19	+4
Missouri-Kansas City, U. of	118	120	238	119	115	234	+1	-5	-4
Montana, U. of	78	51	129	65	57	122	-13	+6	-7

Colleges by State	Fall 1979 M	Fall 1979 F	Fall 1979 Total Students	Fall 1980 M	Fall 1980 F	Fall 1980 Total Students	Net Gain or Loss M	Net Gain or Loss F	Net Gain or Loss Total
Creighton U.	114 (5)	68 (0)	182 (5)	100 (6)	71 (3)	171 (9)	-14 (+1)	+3 (+3)	-11 (+4)
Nebraska	119	89	208	111	92	203	-8	+3	-5
Rutgers U.	176	202	378	176	209	385	0	+7	+7
New Mexico, U. of	119	53	172	99	57	156	-20	+4	-16
Arnold & Marie Schwartz Col. of Pharm.	447	184	631	419	207	626	-28	+23	-5
St. John's U.	492	255	747	489	285	774	-3	+30	+27
State U. of New York at Buffalo	149	116	265	144	124	268	-5	+8	+3
Albany College of Pharmacy	169	174	343	159	185	344	-10	+11	+1
North Carolina, U. of	208	256	464	215	268	483	+7	+12	+19
North Dakota State U.	150	93	243	122	102	224	-28	+9	-19
Ohio Northern U.	238	198	436	209	225	434	-29	+27	-2
Ohio State U.	188	164	352	181	169	350	-7	+5	-2
Cincinnati, U. of	135	62	197	120	70	190	-15	+8	-7
Toledo, U. of	130	104	234	136	101	237	+6	-3	+3
Southwestern Oklahoma State U.	255	164	419	194	149	343	-61	-15	-76
Oklahoma, U. of	172	88	260	133	73	206	-39	-15	-54
Oregon State U.	200	110	310	184	124	308	-16	+14	-2
Duquesne U.	174	197	371	159	218	377	-15	+21	+6
Philadelphia College of Pharmacy	318	230	548	287	248	535	-31	+18	-13
Temple U.	258	144	402	236	163	399	-22	+19	-3
Pittsburgh, U. of	159	145	304	132	155	287	-27	+10	-17
Rhode Island, U. of	152	154	306	116	127	243	-36	-27	-63
Medical U. of South Carolina	105 (2)	74 (0)	179 (2)	79 (0)	71 (0)	150 (0)	-26 (-2)	-3 (0)	-29 (-2)
South Carolina, U. of	141	87	228	122	90	212	-19	+3	-16
South Dakota State U.	83	52	135	71	40	111	-12	-12	-24
Tennessee, U. of	133	156	289	125	162	287	-8	+6	-2
Texas Southern U.	134	96	230	117	73	190	-17	-23	-40
Houston, U. of	268	191	459	253	188	441	-15	-3	-18
Texas at Austin, U. of	214	250	464	191	257	448	-23	+7	-16
Utah, U. of	140	53	193	119	51	170	-21	-2	-23
Virginia Commonwealth U.	131	145	276	126	150	276	-5	+5	0
Washington, U. of	138	113	251	118	109	227	-20	-4	-24
Washington State U.	102	87	189	105	71	176	+3	-16	-13
West Virginia U.	102	108	210	98	107	205	-4	-1	-5
Wisconsin-Madison, U. of	302	201	503	260	190	450	-42	-11	-53
Wyoming, U. of	83	46	129	59	52	111	-24	+6	-18
Totals	12,929	9,631	22,560	11,746	9,882	21,628	-1,183	+251	-932
Puerto Rico	99	415	514	93	372	465	-6	-43	-49
GRAND TOTALS	13,028	10,046	23,074	11,839	10,254	22,093	-1,189	+208	-981

[a]Parentheses indicate six-year candidates for Pharm.D. who do not hold baccalaureate degrees in pharmacy. These Pharm.D. candidates are included in the total.

[b]University of the Pacific offers an accelerated program; the three years reported are equivalent to four academic (nine month) years.

TABLE III

Fall 1980 Enrollments (Full-Time Students) in Other Than Final Three Years of the Curriculum

Colleges by State (0-5 Program Type)	Fifth-Last Year M	F	Total	Fourth-Last Year M	F	Total
Florida A&M U.	27	26	53	21	35	56
Drake U.	27	37	64	26	42	68
Massachusetts College of Pharmacy	91	64	155	95	107	202
Northeastern U.	66	41	107	76	47	123
Michigan, U. of	0	0	0	15	36	51
St. Louis College of Pharmacy	51	63	114	61	47	108
Montana, U. of	17	16	33	3	6	9
Rutgers U.	57	87	144	68	86	154
Albany College of Pharmacy	42	51	93	62	48	110
North Dakota State U.	28	28	56	35	30	65
Ohio Northern U.	48	85	133	52	74	126
Toledo, U. of	45	51	96	80	65	145
Duquesne U.	52	73	125	55	78	133
Philadelphia College of Pharmacy & Science	62	65	127	101	84	185
Rhode Island, U. of	44	73	117	50	67	117
Utah, U. of	13	15	28	42	22	64
Totals - 0-5 Program Type	670	775	1,445	842	874	1,716
Colleges by State (1-4 Program Type)						
Illinois, U. of				60	74	134
Purdue U.				64	110	174
Iowa, U. of				71	64	135
New Mexico, U.of				19	17	36
Ohio State U.				57	58	115
Pittsburgh, U. of				46	63	109
South Carolina, U. of				39	44	83
South Dakota State U.				18	18	36
Texas Southern U.				66	56	122
Washington State U.				39	26	65
Wyoming, U. of				20	14	34
Totals - 1-4 Program Type				499	544	1,043
Colleges by State (2-4 Program Type)						
California, U. of				50	72	122
Southern California, U. of				79	81	160
Totals - 2-4 Program Type				129	153	282
GRAND TOTALS	670	775	1,445	2,470	1,571	3,041

TABLE IV

Fall 1980 Full-Time Enrollments of Students Studying for the Pharm.D. as Their First Professional Degree

Schools and Colleges by State	Last Year M	Last Year F	2nd Last M	2nd Last F	3rd Last M	3rd Last F	4th Last M	4th Last F	Total by Sex M	Total by Sex F	TOTAL
California, U. of	59	59	51	57	63	51	50	72	223	239	462
Pacific, U. of the	75	52	59	49	67	57	0	0	201	158	359
Southern California, U. of	87	46	86	62	85	67	79	81	337	256	593
Purdue U.	0	0	0	3	2	8	0	0	2	11	13
Kentucky, U. of	7	0	5	8	0	0	0	0	12	8	20
Maryland, U. of	1	1	2	2	0	0	0	0	3	3	6
Michigan, U. of	0	0	0	0	6	15	13	25	19	40	59
Creighton U.	4	0	2	3	0	0	0	0	6	3	9
Nebraska, U. of	33	35	33	29	45	28	0	0	111	92	203
Totals	266	193	238	213	268	226	142	178	914	810	1,724

TABLE V

Fall 1980 Pharm.D. Enrollments of Students Already Holding a B.S. in Pharmacy

Colleges by State	Full-Time Students M	F	Total	Part-Time Students M	F	Total	Special Students M	F	Total	GRAND TOTAL
California, U. of	4	3	7	2	0	2	0	0	0	9
Pacific, U. of the	4	9	13	0	1	1	0	0	0	14
Southern California, U. of	5	1	6	0	0	0	0	0	0	6
Florida A&M U.	5	6	11	0	0	0	0	0	0	11
Florida, U. of	12	3	15	0	0	0	0	0	0	15
Mercer U.	13	10	23	0	0	0	0	0	0	23
Illinois, U. of	1	10	11	0	0	0	0	0	0	11
Purdue U.	4	9	13	0	0	0	0	0	0	13
Kentucky, U. of	7	13	20	1	1	2	5	4	9	31
Maryland, U. of	4	3	7	0	0	0	0	0	0	7
Massachusetts College of Pharmacy	6	2	8	0	0	0	0	0	0	8
Michigan, U. of	7	8	15	0	0	0	0	0	0	15
Wayne State U.	12	1	13	0	0	0	0	0	0	13
Minnesota, U. of	30	22	52	0	0	0	0	0	0	52
Missouri-Kansas City, U. of	5	1	6	0	0	0	0	0	0	6
Creighton U.	5	2	7	1	1	2	0	0	0	9
Nebraska, U. of	2	1	3	5	2	7	2	1	3	13
St. John's U.	5	2	7	1	1	2	0	0	0	9
State U. of New York at Buffalo	8	4	12	0	0	0	0	0	0	12
Cincinnati, U. of	11	2	13	2	1	3	2	2	4	20
Duquesne U.	2	3	5	15	2	17	0	0	0	22
Philadelphia College of Pharmacy	13	14	27	0	0	0	0	0	0	27
Medical U. of South Carolina	11	11	22	0	1	1	1	1	2	25
Tennessee, U. of	21	12	33	0	0	0	0	0	0	33
Texas at Austin, U. of	17	14	31	0	0	0	0	0	0	31
Utah, U. of	6	9	15	0	0	0	0	0	0	15
Virginia Commonwealth U.	4	7	11	2	1	3	0	0	0	14
TOTALS	224	182	406	29	11	40	10	8	18	464

TABLE VI

Previous Pharmacy Degree Characteristics of Pharm.D. Students

Previous Degree Awarded from:	Same School			Other U.S. School			Foreign School			Totals		
Schools and Colleges by State	Full Time	Part Time	Special	Full Time	Part Time	Special	Full Time	Part Time	Special	Full Time	Part Time	Special
California, U. of	1	0	0	0	0	0	6	2	0	7	2	0
Pacific, U. of the	7	1	0	6	0	0	0	0	0	13	1	0
Southern California, U. of	0	0	0	3	0	0	3	0	0	6	0	0
Florida A&M U.	6	0	0	5	0	0	0	0	0	11	0	0
Florida, U. of	3	0	0	9	0	0	3	0	0	15	0	0
Mercer U.	11	0	0	12	0	0	0	0	0	23	0	0
Illinois, U. of	9	0	0	2	0	0	0	0	0	11	0	0
Purdue U.	4	0	0	9	0	0	0	0	0	13	0	0
Kentucky, U. of	6	1	2	14	1	7	0	0	0	20	2	9
Maryland, U. of	5	0	0	2	0	0	0	0	0	7	0	0
Massachusetts College of Pharmacy	2	0	0	2	0	0	4	0	0	8	0	0
Michigan, U. of	9	0	0	6	0	0	0	0	0	15	0	0
Wayne State U.	4	0	0	8	0	0	1	0	0	13	0	0
Minnesota, U. of	12	0	0	24	0	0	16	0	0	52	0	0
Missouri-Kansas City, U. of	3	0	0	3	0	0	0	0	0	6	0	0
Creighton U.	4	2	0	2	0	0	1	0	0	7	2	0
Nebraska, U. of	1	3	3	1	4	0	1	0	0	3	7	3
St. John's U.	3	1	0	4	1	0	0	0	0	7	2	0
State U. of New York at Buffalo	1	0	0	8	0	0	3	0	0	12	0	0
Cincinnati, U. of	3	0	0	10	3	4	0	0	0	13	3	4
Duquesne U.	3	6	0	2	11	0	0	0	0	5	17	0
Philadelphia College of Pharmacy	6	0	0	16	0	0	5	0	0	27	0	0
Medical U. of South Carolina	4	1	1	18	0	1	0	0	0	22	1	2
Tennessee, U. of	11	0	0	21	0	0	1	0	0	33	0	0
Texas at Austin, U. of	4	0	0	24	0	0	3	0	0	31	0	0
Utah, U. of	4	0	0	11	0	0	0	0	0	15	0	0
Virginia Commonwealth U.	3	2	0	8	1	0	0	0	0	11	3	0
TOTALS	129	17	6	230	21	12	47	2	0	406	40	18

TABLE VII

Fall 1980 Minority Student Full-Time Enrollment (Final Three Years)

Schools and Colleges by State	Black Amer. M	Black Amer. F	Hispanic Amer. M	Hispanic Amer. F	Amer. Indian M	Amer. Indian F	Asian Amer. M	Asian Amer. F	Other Amer. M	Other Amer. F	Foreign M	Foreign F	Total M	Total F	TOTAL
Auburn U.	2	4	1	0	1	0	0	0	0	0	2	2	6	6	12
Samford U.	5	4	1	0	0	0	3	2	0	0	3	2	12	8	20
Arizona, U. of	2	1	7	5	0	1	2	5	0	1	0	0	11	13	24
Arkansas Medical Center, U. of	3	3	0	0	0	0	1	1	0	0	0	0	4	4	8
California, U. of	11	10	13	5	0	0	46	53	1	0	3	2	74	70	144
Pacific, U. of the	9	8	14	11	2	0	85	87	0	0	12	15	122	121	243
Southern California, U. of	0	4	12	7	1	2	103	74	2	1	4	4	122	92	214
Colorado, U. of	0	2	9	2	0	0	5	6	0	0	2	0	16	10	26
Connecticut, U. of	0	1	1	0	1	0	2	2	0	0	0	2	4	5	9
Howard U.	18	23	0	2	0	0	1	0	0	0	21	8	40	33	73
Florida A&M U.	39	73	5	6	0	0	0	0	0	0	2	1	46	80	126
Florida, U. of	4	3	16	23	0	0	4	5	0	0	0	1	24	32	56
Mercer U.	10	15	1	2	0	0	1	0	0	0	20	11	32	28	60
Georgia, U. of	5	5	2	0	0	0	5	3	0	0	2	4	14	12	26
Idaho State U.	1	0	3	0	0	0	11	9	0	0	24	2	39	11	50
Illinois, U. of	9	15	7	9	0	0	20	28	0	0	4	3	40	55	95
Butler U.	0	3	1	0	0	0	1	2	0	0	4	4	6	9	15
Purdue U.	8	14	2	2	0	0	3	3	0	0	0	1	13	20	33
Drake U.	1	5	0	0	0	0	0	2	0	0	4	3	5	10	15
Iowa, U. of	1	0	0	0	0	0	0	1	0	0	3	1	4	2	6
Kansas, U. of	0	2	1	0	0	0	3	3	0	0	1	2	5	7	12
Kentucky, U. of	2	0	0	0	0	0	1	1	0	0	1	2	4	3	7
Northeast Louisiana U.	6	11	0	1	0	0	1	4	5	0	12	1	24	17	41
Xavier U. of Louisiana	48	69	3	1	0	0	5	1	0	0	8	2	64	73	137
Maryland, U. of	8	12	1	2	0	0	13	18	0	0	2	4	24	36	60
Massachusetts College of Pharmacy	3	4	6	10	3	4	9	7	0	0	42	27	63	52	115
Northeastern U.[a]	0	0	0	0	0	0	0	0	0	0	25	13	25	13	38
Ferris State College	4	3	1	0	2	0	2	3	0	0	2	3	11	9	20
Michigan, U. of	5	12	1	0	0	0	0	5	0	2	1	4	7	23	30
Wayne State U.	3	13	1	0	0	0	13	12	0	0	9	5	26	30	56
Minnesota, U. of	0	2	0	0	1	1	2	4	0	0	14	8	17	15	32
Mississippi, U. of	5	9	0	0	0	0	1	5	0	0	3	3	9	17	26
St. Louis College of Pharmacy	2	2	0	0	0	0	0	0	5	2	1	4	8	8	16
Missouri-Kansas City, U. of	2	8	0	1	0	0	4	3	1	1	2	1	9	14	23
Montana, U. of	0	0	0	0	0	1	0	0	0	0	2	2	2	3	5

Schools and Colleges by State	Black Amer. M	Black Amer. F	Hispanic Amer. M	Hispanic Amer. F	Amer. Indian M	Amer. Indian F	Asian Amer. M	Asian Amer. F	Other Amer. M	Other Amer. F	Foreign M	Foreign F	Total M	Total F	TOTAL
Creighton U.	5	2	0	3	0	0	12	8	0	1	11	3	28	17	45
Nebraska, U. of	4	3	0	1	0	0	1	1	0	0	6	2	11	7	18
Rutgers U.	4	3	5	6	0	0	4	11	0	1	2	0	15	21	36
New Mexico, U. of	2	1	24	6	1	2	0	0	0	0	8	4	35	13	48
Arnold & Marie Schwartz Coll.of Pharm.	25	31	16	17	0	0	29	39	1	0	12	10	83	97	180
St. John's U.	10	16	7	2	0	0	19	26	1	0	17	27	54	71	125
State U. of New York at Buffalo	3	1	1	0	0	0	6	6	0	0	8	9	18	16	34
Albany College of Pharmacy	0	1	0	1	0	0	0	0	0	0	0	1	0	3	3
North Carolina, U. of	5	9	0	0	3	1	4	2	0	2	0	0	12	14	26
North Dakota State U.	0	0	1	0	0	0	0	0	0	0	2	1	3	1	4
Ohio Northern U.	2	1	0	0	0	0	1	2	0	0	8	4	11	7	18
Ohio State U.	1	4	1	0	0	0	1	3	0	0	0	1	3	8	11
Cincinnati, U. of	3	7	0	1	0	0	4	3	0	1	2	2	9	14	23
Toledo, U. of	0	4	0	0	0	0	0	1	0	0	4	4	4	9	13
Southwestern Oklahoma State U.	2	2	2	0	0	0	5	2	0	2	20	8	29	14	43
Oklahoma, U. of	3	1	1	0	2	0	4	3	1	1	19	9	30	14	44
Oregon State U.	0	0	0	0	0	0	0	0	0	0	9	9	9	9	18
Duquesne U.	0	3	0	1	0	0	1	2	0	0	0	2	1	8	9
Philadelphia College of Pharmacy	3	6	4	0	0	0	1	6	0	0	1	1	9	13	22
Temple U.	7	7	1	0	0	0	4	2	0	1	13	15	25	25	50
Pittsburgh, U. of	1	1	2	0	0	0	1	0	0	0	1	1	5	2	7
Rhode Island, U. of	0	1	0	0	1	0	1	1	0	0	0	0	2	2	4
Medical U. of South Carolina	5	5	0	0	0	0	0	0	0	0	1	1	6	6	12
South Carolina, U. of	7	8	0	0	0	0	0	0	0	0	3	2	10	10	20
South Dakota State U.	0	0	0	0	1	0	0	1	0	0	3	0	4	1	5
Tennessee, U. of	4	6	0	0	0	0	4	3	0	0	0	0	8	9	17
Texas Southern U.	44	54	2	3	0	0	0	0	0	0	70	16	116	73	189
Houston, U. of	6	19	46	29	0	0	7	10	2	0	33	16	94	74	168
Texas at Austin, U. of	2	4	40	40	0	0	6	11	0	0	7	11	55	66	121
Utah, U. of	1	0	1	0	0	0	2	7	0	0	6	4	10	11	21
Virginia Commonwealth U.	4	7	0	0	0	0	0	4	0	0	0	0	4	11	15
Washington, U. of	3	5	2	0	0	3	25	24	0	0	4	2	34	34	68
Washington State U.	0	1	1	1	1	0	6	2	2	0	3	3	13	7	20
West Virginia U.	1	0	0	0	0	0	0	0	0	0	1	0	2	0	2
Wisconsin-Madison, U. of	8	11	1	2	1	0	2	5	1	1	5	1	18	20	38
Wyoming, U. of	0	0	0	0	0	0	0	4	1	1	6	4	7	9	16
Totals	381	564	267	202	21	15	497	538	23	18	520	320	1,709	1,657	3,366
Puerto Rico, U. of	0	0	93	372	0	0	0	0	0	0	0	0	93	372	465
GRAND TOTALS	381	564	360	574	21	15	497	538	23	18	520	320	1,802	2,029	3,831

[a]No breakdown except "foreign students" given by this school

TABLE VIII

Fall 1980 Full-Time Minority Enrollments by Class at Predominantly Minority[a] and Predominantly Nonminority Colleges

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
LAST YEAR															
Minority Colleges	49	75	6	5	0	0	5	1	0	0	33	12	93	93	186
Nonminority Colleges	50	80	72	37	4	4	153	152	5	3	119	71	403	347	750
Subtotals	99	155	78	42	4	4	158	153	5	3	152	83	496	440	936
Puerto Rico, U. of	0	0	47	186	0	0	0	0	0	0	0	0	47	186	233
Last Year Totals	99	155	125	228	4	4	158	153	5	3	152	83	543	626	1,169
SECOND-LAST YEAR															
Minority Colleges	46	61	2	1	0	0	1	0	0	0	32	9	81	71	152
Nonminority Colleges	85	123	80	56	10	5	178	172	8	7	127	79	488	442	930
Subtotals	131	184	82	57	10	5	179	172	8	7	159	88	569	513	1,082
Puerto Rico, U. of	0	0	24	99	0	0	0	0	0	0	0	0	24	99	123
Second-Last Year Totals	131	184	106	156	10	5	179	172	8	7	159	88	593	612	1,205
THIRD-LAST YEAR															
Minority Colleges	54	83	2	6	0	0	0	0	0	0	36	6	92	95	187
Nonminority Colleges	97	142	105	97	7	6	160	213	10	8	173	143	552	609	1,161
Subtotals	151	225	107	103	7	6	160	213	10	8	209	149	644	704	1,348
Puerto Rico, U. of	0	0	22	87	0	0	0	0	0	0	0	0	22	87	109
Third-Last Year Totals	151	225	129	190	7	6	160	213	10	8	209	149	666	791	1,457
THREE-YEAR TOTALS															
Minority Colleges	149	219	10	12	0	0	6	1	0	0	101	27	266	259	495
Nonminority Colleges[b]	232	345	257	190	21	15	491	537	23	18	419	293	1,443	1,398	2,841
GRAND TOTAL[b]	381	564	257	202	21	15	497	538	23	18	520	320	1,709	1,657	3,336

[a]Refers to Howard University, Florida A&M, Xavier University and Texas Southern University

[b]Excludes University of Puerto Rico

TABLE IX

Fall 1980 Enrollments in Pharm.D. Programs of Minority Students Already Holding a B.S. Degree in Pharmacy

Minority	Male	Female	Total
Black American	9	9	18
Hispanic American	0	6	6
American Indian	0	0	0
Asian American	7	12	19
Other American	3	0	3
Foreign	24	21	45
Totals	43	48	91

Figure 1
American Minority Students in Schools of Pharmacy
in Continental U.S.

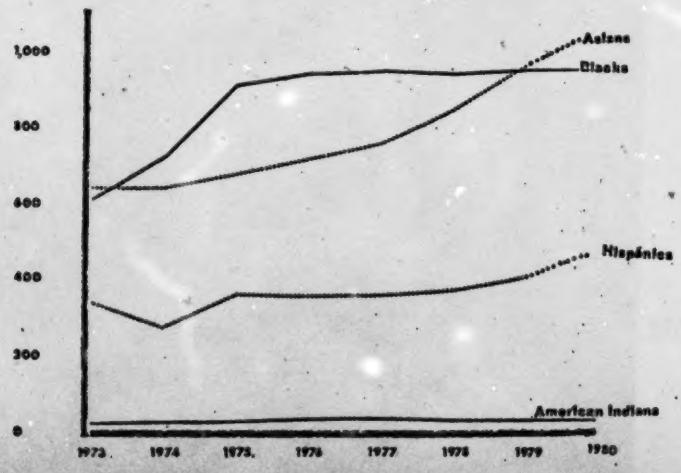

TABLE X

Fall 1980 Part-Time Enrollments (Final Three Years)

Schools and Colleges by State	Last Year	Second Last Year	Third Last Year	Total
Samford U.	21	4	2	27
Arkansas Medical Center, U. of	0	1	0	1
Pacific, U. of the	6	0	1	7
Southern California, U. of	0	1	0	1
Connecticut, U. of	1	0	0	1
Idaho State U.	3	1	0	4
Illinois, U. of	8	6	2	16
Butler U.	0	0	1	1
Drake U.	4	2	5	11
Kentucky, U. of	16	0	1	17
Northeast Louisiana U.	28	2	0	30
Xavier U. of Louisiana	15	3	2	20
Maryland, U. of	2	0	0	2
Massachusetts College of Pharmacy	0	4	1	5
Ferris State College	3	1	1	5
Wayne State U.	1	0	8	9
St. Louis College of Pharmacy	6	6	3	15
Nebraska, U. of	0	1	0	1
New Mexico, U. of	5	7	19	31
St. John's U.	7	5	0	12
Albany College of Pharmacy	4	1	0	5
North Carolina, U. of	1	1	0	2
Ohio Northern U.	4	0	2	6
Cincinnati, U. of	10	5	3	18
Philadelphia College of Pharmacy & Science	2	0	0	2
Temple U.	0	1	0	1
Rhode Island, U. of	7	0	0	7
Medical U. of South Carolina	0	9	0	9
Washington State U.	0	1	0	1
Wyoming, U. of	3	4	2	9
Totals	157	66	53	276

TABLE XI

Fall 1980 Special Student Enrollments

Schools and Colleges by State	Male	Female	Total
Idaho State U.	2	1	3
Illinois, U. of	5	4	9
Northeast Louisiana U.	2	0	2
Maryland, U. of	2	6	8
Massachusetts College of Pharmacy	38	26	64
Minnesota, U. of	5	2	7
St. Louis College of Pharmacy	3	1	4
Missouri-Kansas City, U. of	1	1	2
Rhode Island, U. of	1	1	2
Medical U. of South Carolina	1	0	1
Totals	60	42	102

TABLE XII

Fall 1980 Geographic Origin of Full-Time Students (Final Three Years)

Schools and Colleges by State	Own State	Other State	Canada	Foreign Country	Total
Auburn U.	252	86	0	4	342
Samford U.	83	103	1	4	191
Arizona, U. of	158	4	0	0	162
Arkansas Medical Center, U. of	203	0	0	0	203
California, U. of	333	2	0	5	340
Pacific, U. of the	425	47	0	27	499
Southern California, U. of	407	18	0	8	433
Colorado, U. of	178	28	0	2	208
Connecticut, U. of	197	80	0	2	279
Howard U.	15	33	0	29	77
Florida A&M U.	147	14	1	2	164
Florida, U. of	351	8	0	1	360
Mercer U.	107	187	0	31	325
Georgia, U. of	360	65	0	6	431
Idaho State U.	65	82	3	23	173
Illinois, U. of	525	5	1	6	537
Butler U.	151	81	0	8	240
Purdue U.	392	82	1	0	475
Drake U.	60	160	1	6	227
Iowa, U. of	149	86	0	4	239
Kansas, U. of	239	15	0	3	257
Kentucky, U. of	217	31	0	3	251
Northeast Louisiana U.	317	69	2	11	399
Xavier U. of Louisiana	104	55	0	10	169
Maryland, U. of	264	10	0	6	280
Massachusetts College of Pharmacy	339	278	10	59	686
Northeastern U.	169	145	2	36	352
Ferris State College	408	14	0	5	427
Michigan, U. of	160	12	2	3	177
Wayne State U.	301	0	8	6	315
Minnesota, U. of	243	42	0	22	307
Mississippi, U. of	275	25	0	6	306
St. Louis College of Pharmacy	223	207	1	4	435
Missouri-Kansas City, U. of	222	9	0	3	234
Montana, U. of	79	39	0	4	122
Creighton	36	130	0	14	180
Nebraska, U. of	185	10	0	8	203
Rutgers U.	361	22	0	2	385
New Mexico, U. of	103	41	0	12	156
Arnold & Marie Schwartz College of Pharmacy	533	71	0	22	626

Schools and Colleges by State	Own State	Other State	Canada	Foreign Country	Total
St. John's U.	634	96	3	41	774
State U. of New York at Buffalo	249	2	3	14	268
Albany College of Pharmacy	335	8	1	0	344
North Carolina, U. of	455	28	0	0	483
North Dakota State U.	114	107	2	1	224
Ohio Northern U.	327	95	0	12	434
Ohio State U.	333	16	0	1	350
Cincinnati, U. of	174	12	1	3	190
Toledo, U. of	220	9	3	5	237
Southwestern Oklahoma State U.	294	21	0	28	343
Oklahoma, U. of	165	13	0	28	206
Oregon State U.	220	70	1	17	308
Duquesne U.	313	62	0	2	377
Philadelphia College of Pharmacy & Science	324	209	0	2	535
Temple U.	328	43	0	28	399
Pittsburgh, U. of	282	3	0	2	287
Rhode Island, U. of	92	151	0	0	243
Medical U. of South Carolina	119	29	0	2	150
South Carolina, U. of	179	28	0	5	212
South Dakota State U.	80	28	0	3	111
Tennessee, U. of	287	0	0	0	287
Texas Southern U.	104	0	0	86	190
Houston, U. of	376	16	0	49	441
Texas at Austin, U. of	424	6	0	18	448
Utah, U. of	128	32	1	9	170
Virginia Commonwealth U.	264	12	0	0	276
Washington, U. of	200	21	0	6	227
Washington State U.	165	5	0	6	176
West Virginia U.	189	15	0	1	205
Wisconsin-Madison, U. of	413	31	1	5	450
Wyoming, U. of	45	56	0	10	111
Totals	17,168	3,620	49	791	21,628
Puerto Rico, U. of	465	0	0	0	465
GRAND TOTALS	17, 633	3,620	49	791	22,093

TABLE XIII

Fall 1980 Enrollment of American Full-Time Students in Each State by State of Residence[a]
(Final Three Years)

ALABAMA (335 + 19 = 354)
Auburn 252, Samford 83, Colorado 1, Florida A&M 3, Mercer 1, Idaho State 1, Xavier 10, Mississippi 1, Nebraska 1, Houston 1.

ALASKA (0 + 6 = 6)
North Dakota State 1, Oregon State 2, Washington 2, Washington State 1.

ARIZONA (158 + 11 = 169)
Arizona 158, Pacific 1, Southern California 1, Colorado 1, Idaho State 2, Kansas 1, Massachusetts College of Pharmacy 1, Montana 1, Creighton 2, Utah 1.

ARKANSAS (203 + 26 = 229)
Arkansas Medical Center 203, Northeast Louisiana 17, Mississippi 2, St. Louis College of Pharmacy 1, Creighton 1, Southwestern Oklahoma 1, Oklahoma 3, Houston 1.

CALIFORNIA (1,165 + 197 = 1,362)
California 333, Pacific 425, Southern California 407, Samford 1, Colorado 4, Howard 2, Mercer 2, Georgia 1, Idaho State 45, Butler 2, Purdue 1, Iowa 1, Kansas 2, Northeast Louisiana 2, Xavier 7, Massachusetts College of Pharmacy 4, Michigan 1, Missouri-Kansas City 1, Montana 11, Creighton 13, Nebraska 2, New Mexico 12, North Dakota State 1, Southwestern Oklahoma State 1, Oklahoma 1, Oregon State 39, South Dakota State 2, Houston 2, Texas at Austin 1, Utah 16, Washington 3, Washington State 3, Wisconsin-Madison 5, Wyoming 9.

COLORADO (178 + 31 = 209)
Colorado 178, Pacific 1, Idaho State 2, Butler 1, Drake 2, Kansas 1, Northeast Louisiana 1, Montana 1, Creighton 6, Nebraska 1, North Dakota State 4, Southwestern Oklahoma State 1, Oregon State 1, Utah 1, Wyoming 8.

CONNECTICUT (197 + 115 = 312)
Connecticut 197, Howard 1, Drake 1, Northeast Louisiana 2, Massachusetts College of Pharmacy 48, Northeastern 35, Creighton 1, New Mexico 1, Arnold & Marie Schwartz 1, St. John's 2, Ohio Northern 1, Duquesne 1, Philadelphia College of Pharmacy 5, Temple 1, Rhode Island 13, Washington 1, Wyoming 1.

DELAWARE (0 + 34 = 34)
Georgia 2, Iowa 1, Massachusetts College of Pharmacy 1, St. John's 1, Philadelphia College of Pharmacy 25, Temple 2, West Virginia 1, Wisconsin-Madison 1.

DISTRICT OF COLUMBIA (15 + 8 = 23)
Howard 15, Maryland 1, Northeastern 4, North Carolina 2, Duquesne 1.

FLORIDA (498 + 175 = 673)
Florida A&M 147, Florida 351, Auburn 47, Samford 18, Pacific 2, Southern California 1, Colorado 2, Howard 3, Mercer 54, Georgia 17, Butler 1, Purdue 1, Iowa 1, Northeast Louisiana 10, Xavier 3, Massachusetts College of Pharmacy 4, St. Louis College of Pharmacy 1, Creighton 1, North Carolina 1, Ohio Northern 1, Medical U. of South Carolina 1, South Carolina 2, Wisconsin-Madison 1, Wyoming 3.

GEORGIA (467 + 29 = 496)
Mercer 107, Georgia 360, Auburn 14, Samford 4, Howard 2, Florida A&M 2, Florida 1, Drake 1, Xavier 2, Massachusetts College of Pharmacy 1, Philadelphia College of Pharmacy 1, Medical U. of South Carolina 1.

TABLE XIII (Continued)

HAWAII (0 + 73 = 73)
Pacific 20, Southern California 9, Colorado 1, Idaho State 2, Purdue 1, Drake 2, Northeastern 1, Minnesota 1, Creighton 11, New Mexico 1, Oregon State 11, Texas at Austin 2, Washington 10, Wyoming 1.

IDAHO (65 + 7 = 72)
Idaho 65, Iowa 1, Montana 2, Creighton 1, Oregon State 1, Utah 1, Washington State 1.

ILLINOIS (525 + 604 = 1,129)
Illinois 525, Samford 3, Arizona 3, Pacific 2, Southern California 1, Colorado 4, Howard 1, Florida A&M 4, Mercer 1, Georgia 1, Idaho State 4, Butler 44, Purdue 34, Drake 122, Iowa 66, Kansas 1, Kentucky 4, Northeast Louisiana 5, Xavier 12, Northeastern 1, Ferris State 10, Michigan 2, Minnesota 3, Mississippi 1, St. Louis College of Pharmacy 201, Missouri-Kansas City 3, Montana 1, Creighton 20, Nebraska 2, New Mexico 6, North Dakota 3, Cincinnati 1, Oklahoma 2, Oregon State 2, Duquesne 1, Rhode Island 1, Medical U. of South Carolina 2, South Dakota State 3, Houston 1, Utah 2, Washington 1, Wisconsin-Madison 13, Wyoming 10.

INDIANA (543 + 22 = 565)
Butler 151, Purdue 392, Pacific 1, Idaho State 1, Illinois 1, Drake 1, Kentucky 3, Xavier 1, Ferris State 1, Michigan 1, Mississippi 1, Creighton 4, New Mexico 1, North Carolina 1, Ohio Northern 2, Ohio State 1, Cincinnati 1, South Dakota 1.

IOWA (209 + 38 = 247)
Drake 60, Iowa 149, Arizona 1, Colorado 1, Michigan 1, Minnesota 1, Creighton 22, Nebraska 3, North Dakota State 1, South Dakota State 5, Houston 1, Wyoming 2.

KANSAS (239 + 15 = 254)
Kansas 239, Idaho State 1, Drake 3, Missouri-Kansas City 3, Creighton 4, New Mexico 1, Southwestern Oklahoma State 2, Wyoming 1.

KENTUCKY (217 + 86 = 303)
Kentucky 217, Auburn 4, Samford 30, Pacific 1, Mercer 29, Georgia 2, Butler 5, Purdue 1, Northeast Louisiana 1, Mississippi 1, St. Louis College of Pharmacy 1, Ohio Northern 1, Cincinnati 7, Medical U. of South Carolina 2, Wisconsin-Madison 1.

LOUISIANA (421 + 5 = 426)
Northeast Louisiana 317, Xavier 104, Colorado 1, Mississippi 1, Houston 2, Washington 1.

MAINE (0 + 64 = 64)
Connecticut 6, Kentucky 1, Massachusetts College of Pharmacy 24, Northeastern 8, Rhode Island 24, Wyoming 1.

MARYLAND (264 + 46 = 310)
Maryland 264, Samford 1, Southern California 1, Connecticut 1, Howard 3, Florida 1, Mercer 2, Illinois 1, Purdue 1, Kansas 1, Kentucky 1, Massachusetts College of Pharmacy 4, Northeastern 3, St. Louis College of Pharmacy 1, Montana 1, Rutgers 2, Albany College of Pharmacy 1, North Carolina 1, North Dakota State 1, Ohio Northern 1, Duquesne 3, Philadelphia College of Pharmacy 4, Pittsburgh 1, South Carolina 1, Virginia Commonwealth 5, West Virginia 2, Wisconsin-Madison 1, Wyoming 1.

TABLE XIII (Continued)

MASSACHUSETTS (508 + 98 = 606)
Massachusetts College of Pharmacy 339, Northeastern 169, Pacific 1, Southern California 1, Connecticut 37, Howard 1, Idaho State 1, Purdue 2, Kentucky 1, Michigan 1, St. Louis College of Pharmacy 1, Rutgers 2, New Mexico 1, Albany College of Pharmacy 1, Ohio Northern 1, Oregon State 1, Philadelphia College of Pharmacy 1, Rhode Island 43, Medical U. of South Carolina 2.

MICHIGAN (869 + 54 = 923)
Ferris State 408, Michigan 160, Wayne State 301, Auburn 2, Pacific 2, Howard 1, Florida A&M 2, Mercer 7, Georgia 1, Idaho State 1, Illinois 1, Butler 1, Purdue 2, Iowa 3, Northeast Louisiana 3, Xavier 2, Montana 2, Creighton 4, New Mexico 1, Ohio Northern 4, Toledo 7, Philadelphia College of Pharmacy 1, Medical U. of South Carolina 1, Houston 2, Washington 1, Wyoming 3.

MINNESOTA (243 + 131 = 374)
Minnesota 243, Southern California 1, Illinois 1, Drake 14, Iowa 2, Montana 2, Creighton 7, New Mexico 1, North Dakota State 84, Temple 1, South Dakota State 10, Houston 1, Wisconsin-Madison 6, Wyoming 1.

MISSISSIPPI (275 + 21 = 296)
Mississippi 275, Samford 1, Howard 1, Northeast Louisiana 9, Xavier 8, Massachusetts College of Pharmacy 1, Houston 1.

MISSOURI (445 + 48 = 493)
St. Louis College of Pharmacy 223, Missouri-Kansas City 222, Samford 1, Pacific 1, Idaho State 1, Butler 5, Purdue 1, Drake 5, Iowa 4, Kansas 7, Kentucky 1, Northeast Louisiana 1, Xavier 1, Massachusetts College of Pharmacy 1, Michigan 1, Mississippi 4, Creighton 9, New Mexico 2, Southwestern Oklahoma State 1, Oklahoma 2.

MONTANA (79 + 5 = 84)
Montana 79, Minnesota 1, Creighton 1, North Dakota State 1, South Dakota State 1, Utah 1.

NEBRASKA (221 + 8 = 229)
Creighton 36, Nebraska 185, Purdue 1, Iowa 1, Northeastern 1, Rhode Island 1, South Dakota State 2, Utah 1, Wyoming 1.

NEVADA (0 + 17 = 17)
Pacific 3, Idaho State 7, Montana 1, New Mexico 1, Oregon State 2, Utah 1, Wyoming 2.

NEW HAMPSHIRE (0 + 76 = 76)
Pacific 1, Connecticut 7, Idaho State 1, Massachusetts College of Pharmacy 37, Northeastern 9, New Mexico 1, Ohio Northern 1, Rhode Island 18, Utah 1.

NEW JERSEY (361 + 544 = 905)
Rutgers 361, Colorado 4, Connecticut 9, Howard 2, Florida A&M 1, Florida 1, Georgia 2, Idaho State 1, Illinois 1, Butler 7, Purdue 6, Drake 2, Iowa 1, Kansas 1, Kentucky 1, Northeast Louisiana 1, Maryland 1, Massachusetts College of Pharmacy 55, Northeastern 21, Montana 1, Creighton 3, New Mexico 1, Arnold & Marie Schwartz 66, St. John's 88, Albany College of Pharmacy 2, North Carolina 6, Ohio Northern 4, Ohio State 3, Oregon State 1, Duquesne 28, Philadelphia College of Pharmacy 147, Temple 33, Rhode Island 32, South Carolina 4, South Dakota State 1, Houston 1, Texas at Austin 1, Virginia Commonwealth 2, Wisconsin-Madison 1, Wyoming 2.

NEW MEXICO (103 + 0 = 103)
New Mexico 103.

NEW YORK (1,751 + 295 = 2,046)
Arnold & Marie Schwartz 533, St. John's 634, State U. of New York at Buffalo 249, Albany College of Pharmacy 335, Auburn 2, California 1, Pacific 6, Southern California 1, Colorado 4, Connecticut 11, Howard 4, Florida A&M 1, Florida 1, Mercer 4, Georgia 2, Idaho State 6, Butler 4, Purdue 8, Drake 1, Iowa 1, Kentucky 4, Northeast Louisiana 4, Xavier 2, Massachusetts 57, Northeastern 46, Ferris State 1, Michigan 2, Minnesota 1, Creighton 13, Rutgers 12, New Mexico 3, North Carolina 5, North Dakota State 1, Ohio Northern 19, Ohio State 4, Oregon State 3, Duquesne 12, Philadelphia College of Pharmacy 20, Temple 5, Rhode Island 15, Medical U. of South Carolina 1, South Carolina 1, Houston 1, Utah 1, West Virginia 2, Wisconsin-Madison 1, Wyoming 2.

NORTH CAROLINA (455 + 55 = 510)
North Carolina 455, Auburn 1, Samford 1, Pacific 1, Howard 2, Florida 1, Mercer 5, Georgia 14, Purdue 1, Northeast Louisiana 2, Xavier 1, Mississippi 1, Medical U. of South Carolina 10, South Carolina 14, Virginia Commonwealth 1.

NORTH DAKOTA (114 + 5 = 119)
North Dakota State 114, Minnesota 1, Montana 4.

OHIO (1,054 + 55 = 1,109)
Ohio Northern 327, Ohio State 333, Cincinnati 174, Toledo 220, Auburn 1, Samford 1, Pacific 1, Southern California 1, Connecticut 1, Florida 1, Mercer 2, Butler 4, Purdue 13, Iowa 1, Kentucky 7, Northeast Louisiana 2, Michigan 1, Montana 1, New Mexico 1, Duquesne 11, Pittsburgh 2, Medical U. of South Carolina 1, South Dakota State 1, Virginia Commonwealth 1, Wisconsin-Madison 1.

OKLAHOMA 459 + 6 = 465)
Southwestern Oklahoma State 294, Oklahoma 165, Purdue 1, Northeast Louisiana 1, Xavier 1, Northeastern 1, North Carolina 1, Houston 1.

OREGON (220 + 8 = 228)
Oregon State 220, Pacific 2, Idaho State 1, Montana 2, Utah 1, Washington 2.

PENNSYLVANIA (1,247 + 167 = 1,414)
Duquesne 313, Philadelphia College of Pharmacy 324, Temple 328, Pittsburgh 282, Auburn 1, Colorado 2, Connecticut 1, Florida A&M 1, Mercer 4, Georgia 4, Idaho State 1, Purdue 6, Kansas 1, Kentucky 2, Northeast Louisiana 1, Xavier 2, Maryland 1, Massachusetts College of Pharmacy 17, Northeastern 9, Michigan 2, Mississippi 1, Montana 2, Creighton 1, Rutgers 5, New Mexico 4, Arnold & Marie Schwartz 2, St. John's 4, State U. of New York at Buffalo 2, Albany College of Pharmacy 2, North Carolina 3, North Dakota State 1, Ohio Northern 58, Ohio State 6, Toledo 2, Rhode Island 2, Medical U. of South Carolina 1, South Carolina 2, Utah 1, Virginia Commonwealth 1, West Virginia 10, Wyoming 2.

PUERTO RICO (465 + 19 = 484)
Puerto Rico 465, Samford 1, Howard 1, Xavier 1, Maryland 1, Massachusetts College of Pharmacy 10, Missouri-Kansas City 1, Ohio State 1, Duquesne 1, Texas at Austin 2.

TABLE XIII (Continued)

RHODE ISLAND (92 + 7 = 99)
Rhode Island 92, Auburn 1, Massachusetts College of Pharmacy 3, Northeastern 1, Rutgers 1, Philadelphia College of Pharmacy 1.

SOUTH CAROLINA (298 + 12 = 310)
Medical U. of South Carolina 119, South Carolina 179, Auburn 1, Georgia 6, Butler 1, Kentucky 1, Mississippi 1, Creighton 1, North Carolina 1.

SOUTH DAKOTA (80 + 14 = 94)
South Dakota State 80, Iowa 1, Northeastern 1, Minnesota 3, Creighton 1, North Dakota State 6, Wyoming 2.

TENNESSEE (287 + 125 = 412)
Tennessee 287, Auburn 10, Samford 35, Howard 1, Mercer 46, Georgia 4, Butler 1, Kentucky 1, Northeast Louisiana 1, Xavier 2, Maryland 1, Mississippi 10, Creighton 1, North Carolina 2, Oklahoma 1, Oregon State 1, Philadelphia College of Pharmacy 2, Medical U. of South Carolina 3, South Carolina 1, Houston 1, Virginia Commonwealth 1.

TEXAS (904 + 36 = 940)
Texas Southern 104, Houston 376, Texas at Austin 424, Auburn 1, Colorado 1, Georgia 1, Idaho State 1, Butler 1, Purdue 1, Northeast Louisiana 4, Massachusetts College of Pharmacy 1, Minnesota 1, Montana 1, Nebraska 1, New Mexico 2, Southwestern Oklahoma State 15, Oklahoma 4, Utah 1.

UTAH (128 + 5 = 133)
Utah 128, Idaho State 1, Montana 1, Oregon State 1, Wyoming 2.

VERMONT (0 + 21 = 21)
Connecticut 6, Butler 1, Massachusetts College of Pharmacy 6, Northeastern 4, Albany College of Pharmacy 2, Rhode Island 2.

VIRGINIA (264 + 91 = 355)
Virginia Commonwealth 264, Auburn 1, Samford 6, Pacific 1, Colorado 2, Connecticut 1, Howard 7, Florida 2, Mercer 28, Georgia 8, Butler 2, Purdue 1, Iowa 2, Northeast Louisiana 2, Maryland 5, Massachusetts College of Pharmacy 3, St. Louis College of Pharmacy 1, Montana 1, Arnold & Marie Schwartz 1, North Carolina 5, Ohio Northern 1, Oregon State 1, Philadelphia College of Pharmacy 2, Temple 1, Medical U. of South Carolina 3, South Carolina 3, Utah 1.

WASHINGTON (365 + 13 = 378)
Washington 200, Washington State 165, California 1, Southern California 1, Kentucky 1, Minnesota 1, Missouri-Kansas City 1, Montana 1, New Mexico 1, Arnold & Marie Schwartz 1, St. John's 1, North Dakota State 1, Oregon State 3.

WEST VIRGINIA (189 + 15 = 204)
West Virginia 189, Howard 1, Mercer 1, Kentucky 3, Ohio Northern 1, Ohio State 1, Cincinnati 3,, Duquesne 4, Virginia Commonwealth 1.

WISCONSIN (413 + 54 = 467)
Wisconsin-Madison 413, Mercer 1, Idaho State 1, Butler 1, Drake 6, Ferris State 2, Minnesota 29, Mississippi 1, Montana 3, Creighton 3, North Dakota State 1, Oregon State 1, Medical U. of South Carolina 1, South Dakota State 2, Wyoming 2.

TABLE XIII (Continued)

WYOMING (45 + 4 = 49)
Wyoming 45, Idaho State 1, North Dakota State 1, Utah 2.

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[a]First number in each parenthesis indicates the number of resident students attending colleges in-state; the second number represents the number of resident students attending colleges in other states. Under each state are listed the colleges enrolling students from that state, with schools within that state underlined.

TABLE XIV

Country of Origin of Foreign Full-Time Students (Final Three Years)

Country	Male	Female	Total	Country	Male	Female	Total
Africa[a]	3	2	5	Kuwait	2	0	2
Aruba	0	1	1	Lebanon	20	9	29
Bahamas	2	0	2	Liberia	1	0	1
Bahrain	0	1	1	Malaysia	5	0	5
Bangladesh	1	4	5	Mauritius	1	0	1
Barbados	0	1	1	Mexico	0	1	1
Bermuda	1	2	3	Micronesia	0	1	1
Burma	0	1	1	Morocco	1	0	1
Camaroon	4	4	8	Nigeria	185	63	248
Cambodia	2	0	2	Pakistan	7	3	10
Canada				Panama	1	1	2
Alberta	2	1	3	Phillipines	0	1	1
British Columbia	3	0	3	Poland	1	1	2
New Brunswick	3	1	4	Portugal	0	2	2
Nova Scotia	0	1	1	Romania	0	1	1
Ontario	21	12	33	Sierra Leone	4	0	4
Quebec	4	1	5	South Africa	3	1	4
Cuba	2	3	5	Sri Lanka	0	1	1
Czechoslovakia	0	1	1	Sudan	1	0	1
Egypt	6	5	11	Switzerland	0	1	1
El Salvadore	0	1	1	Syria	0	2	2
Ethiopia	4	5	9	Taiwan	27	35	62
France	0	1	1	Tanzania	2	1	3
Gambia	0	1	1	Thailand	8	12	20
Ghana	2	1	3	Tonga	1	0	1
Greece	1	4	5	Trinidad	3	1	4
Guyana	5	0	5	Uganda	2	2	4
Haiti	0	1	1	United Kingdom	4	4	8
Hong Kong	54	35	89	U.S.S.R.	1	1	2
India	21	8	29	Venezuela	0	2	2
Indonesia	1	3	4	Vietnam	13	20	33
Iran	29	22	51	Virgin Islands (Brit.)	2	0	2
Iraq	0	1	1	West Africa	2	0	2
Israel	6	2	8	West Germany	3	1	4
Italy	1	0	1	West Indies	1	0	1
Jamaica	1	7	8	Yugoslavia	1	0	1
Japan	0	3	3	Zambia	3	0	3
Jordan	9	1	10	Zimbabwe	4	1	5
Kenya	5	5	10				
Korea	17	10	27	Totals	519	320	839

[a]Individual nation not specified.

TABLE XV

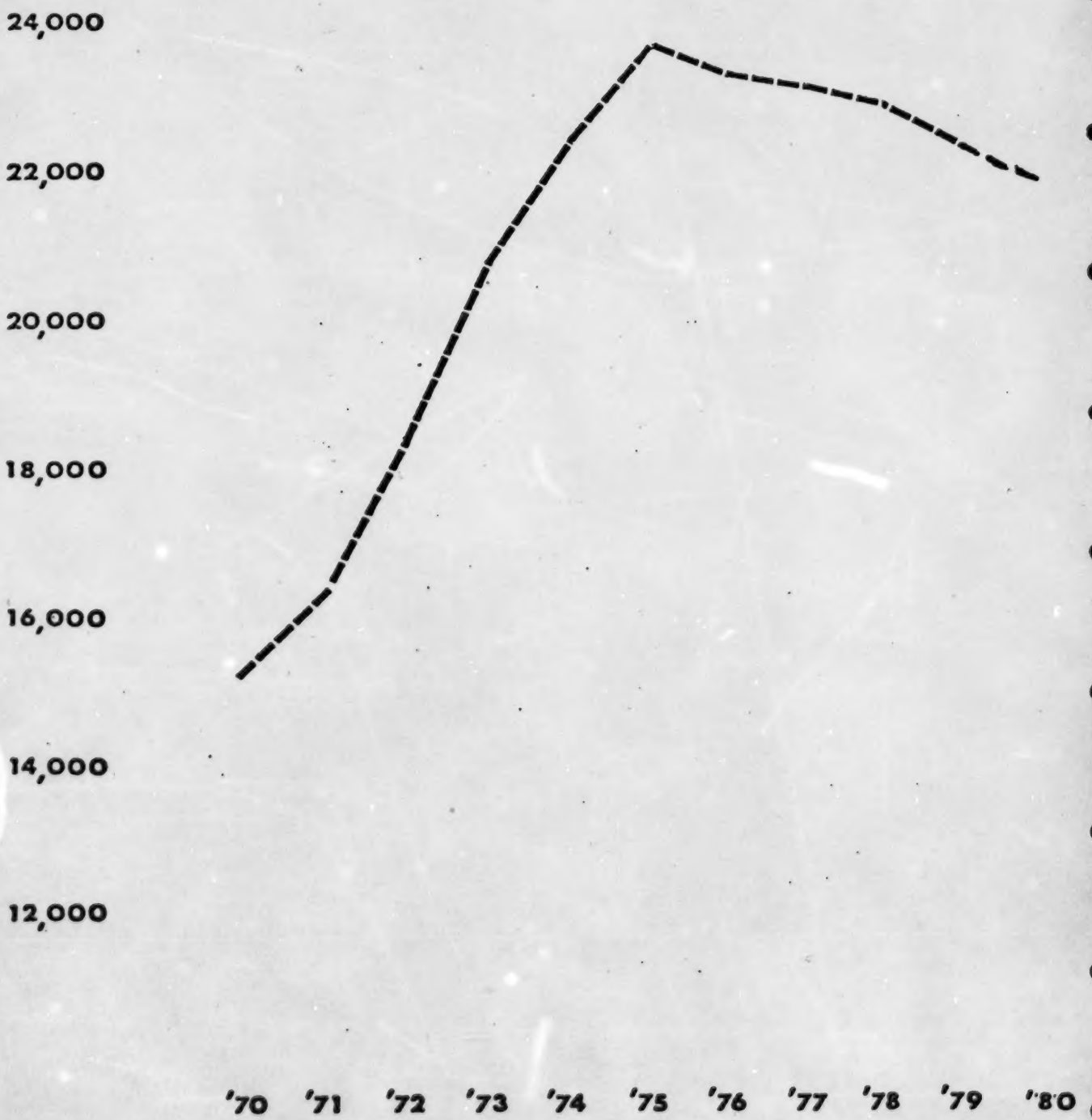
Enrollments by NABP/AACP Districts

District	1979	1980	Change	Percent Change
I (CT, MA, RI)	1,717	1,560	-157	-9.1%
II (DC, MD, NJ, NY, PA, VA, WV)	4,848	4,833	-15	-0.3%
III (AL, FL, GA, MS, NC, PR SC, TN)	3,366	3,251	-155	-3.4%
IV (IL, IN, KY, MI, OH, WI)	4,239	4,083	-156	-3.6%
V (IA, MN, NE, ND, SD)	1,607	1,491	-116	-7.2%
VI (AR, KS, LA, MO, OK, TX)	3,519	3,325	-194	-5.5%
VII (ID, MT, OR, WA, WY)	1,228	1,117	-111	-9.0%
VIII (AZ, CA, CO, NM, UT)	2,036	1,968	-68	-3.3%
TOTAL	22,560	21,628	-932	-4.1%

Figure 2

U. S. Pharmacy School Enrollments

(Final Three Years)



Colleges of Pharmacy

Auburn University
School of Pharmacy
Auburn, AL 36830

Samford University
School of Pharmacy
Birmingham, AL 35209

University of Arizona
College of Pharmacy
Tucson, AZ 85721

University of Arkansas Medical Center
School of Pharmacy
Little Rock, AK 72201

University of California
School of Pharmacy
San Francisco, CA 94143

University of the Pacific
School of Pharmacy
Stockton, CA 95211

University of Southern California
School of Pharmacy
Los Angeles, CA 90033

University of Colorado
School of Pharmacy
Boulder, CO 80309

University of Connecticut
School of Pharmacy
Storrs, CT 06268

Howard University
College of Pharmacy
Washington, DC 20059

Florida A&M
School of Pharmacy
Tallahassee, FL 32307

University of Florida
College of Pharmacy
Gainesville, FL 32601

Mercer University
Southern School of Pharmacy
Atlanta, GA 30312

University of Georgia
School of Pharmacy
Athens, GA 30602

Idaho State University
College of Pharmacy
Pocatello, ID 83201

University of Illinois
College of Pharmacy
Chicago, IL 60680

Butler University
College of Pharmacy
Indianapolis, IN 46208

Purdue University
School of Pharmacy
W. Lafayette, IN 47907

Drake University
College of Pharmacy
Des Moines, IA 50311

University of Iowa
College of Pharmacy
Iowa City, IA 52242

University of Kansas
School of Pharmacy
Lawrence, KS 66044

University of Kentucky
College of Pharmacy
Lexington, KY 40506

Northeast Louisiana University
School of Pharmacy
Monroe, LA 71209

Xavier University of Louisiana
College of Pharmacy
New Orleans, LA 70125

University of Maryland
School of Pharmacy
Baltimore, MD 21201

Massachusetts College of Pharmacy
Boston, MA 02115

Northeastern University
College of Pharmacy
Boston, MA 02115

Ferris State College
School of Pharmacy
Big Rapids, MI 49307

University of Michigan
College of Pharmacy
Ann Arbor, MI 48109

Wayne State University
College of Pharmacy
Detroit, MI 48202

University of Minnesota
College of Pharmacy
Minneapolis, MN 55455

University of Mississippi
School of Pharmacy
University, MS 38677

St. Louis College of Pharmacy
St. Louis, MO 63110

University of Missouri-Kansas City
School of Pharmacy
Kansas City, MO 64110

University of Montana
School of Pharmacy
Missoula, MT 59801

Creighton University
School of Pharmacy
Omaha, NE 68178

University of Nebraska
College of Pharmacy
Omaha, NE 68105

Rutgers University
College of Pharmacy
Piscataway, NJ 08854

University of New Mexico
College of Pharmacy
Albuquerque, NM 87131

Long Island University
Schwartz College of Pharmacy
Brooklyn, NY 11201

St. John's University
College of Pharmacy
Jamaica, NY 11439

State University of New York
School of Pharmacy
Buffalo, NY 14260

Union University
Albany College of Pharmacy
Albany, NY 12208

University of North Carolina
School of Pharmacy
Chapel Hill, NC 27514

North Dakota State University
College of Pharmacy
Fargo, ND 58102

Ohio Northern University
College of Pharmacy
Ada, OH 45810

Ohio State University
College of Pharmacy
Columbus, OH 43210

University of Cincinnati
College of Pharmacy
Cincinnati, OH 45267

University of Toledo
College of Pharmacy
Toledo, OH 43606

Southwestern Oklahoma State
School of Pharmacy
Weatherford, OK 73096

University of Oklahoma
College of Pharmacy
Norman, OK 73104

Oregon State University
School of Pharmacy
Corvallis, OR 97331

Duquesne University
School of Pharmacy
Pittsburgh, PA 15219

Philadelphia College of Pharmacy and Science
Philadelphia, PA 19104

Temple University
School of Pharmacy
Philadelphia, PA 19140

University of Pittsburgh
School of Pharmacy
Pittsburgh, PA 15261

University of Puerto Rico
College of Pharmacy
San Juan, PR 00936

University of Rhode Island
College of Pharmacy
Kingston, RI 02881

Medical University of South Carolina
School of Pharmacy
Charleston, SC 29403

University of South Carolina
College of Pharmacy
Columbia, SC 29208

South Dakota State University
College of Pharmacy
Brookings, SD 57007

University of Tennessee
College of Pharmacy
Memphis, TN 38103

Texas Southern University
School of Pharmacy
Houston, TX 77004

University of Houston
College of Pharmacy
Houston, TX 77004

University of Texas at Austin
College of Pharmacy
Austin, TX 78712

University of Utah
College of Pharmacy
Salt Lake City, UT 84112

Virginia Commonwealth University
School of Pharmacy
Richmond, VA 23298

University of Washington
School of Pharmacy
Seattle, WA 98195

Washington State University
College of Pharmacy
Pullman, WA 99163

West Virginia University
School of Pharmacy
Morgantown, WV 26506

University of Wisconsin-Madison
School of Pharmacy
Madison, WI 53706

University of Wyoming
School of Pharmacy
Laramie, WY 82071